

ALMO LABORATORIES -- NUODINE -- 6840-00-526-1129

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===== Product Identification =====

Product ID:NUODINE

MSDS Date:11/01/1986

FSC:6840

NIIN:00-526-1129

MSDS Number: BWDVZ

=== Responsible Party ===

Company Name:ALMO LABORATORIES

City:CEDAR GROVE

State:NJ

Country:US

Info Phone Num:NOT LISTED

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:2L997

=== Contractor Identification ===

Company Name:ALMO LABO

RATORIES

Box:City:CEDAR GROVE

State:NJ

Country:US

CAGE:2L997

Company Name:DOWNEAST CHEMICAL AND FASTENER CO

Address:540 DEERING AVE

Box:7250

City:PORTLAND

State:ME

ZIP:04112

Country:US

Phone:800-424-9300(CHEMTREC)

CAGE:0ABA8

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===== Composition/Information on Ingredients =====

Ingred Name:PHOSPHORIC ACID (SARA 313) (CERCLA)

CAS:7664-38-2

RTECS #:TB6300000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3/3 STEL; 9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:IODINE  
CAS:7553-56-2  
RTECS #:NN1575000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 0.1 PPM  
ACGIH TLV:C 0.1 PPM; 9495

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===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN. ACUTE-  
CORROSIVE (UNDILUTED). EYE CONTACT MAY CAUSE SEVERE IRRITATION &  
BURNS.  
VERY IRRITATING TO SKIN. INHALATION AND INGESTION NOT  
LIKELY. CHRONIC- NONE AT USE LEVEL.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES, SKIN IRRITATION AND BURNS  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS, EYE PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF  
THIS PRODUCT.

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===== First Aid Measures =====

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.  
EYE/SKIN:IMMEDIATELY FLUSH WITH  
WATER FOR 15 MINUTES. HOLD EYELIDS  
OPEN. INHALED:REMOVE TO FRESH AIR. ORAL:DO NOT INDUCE VOMITING. IF  
CONSCIOUS, DRINK MILK. GET MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point:NONE  
Extinguishing Media:WATER  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT SUCH  
AS GLOVES, HOODS, SUITS, RUBBER BOOTS AND A NIOSH-APPROVED  
FULL-FACE SELF CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:MAY EMIT TOXIC

FUMES OF IODINE.

===== Accidental Release Measures =====

Spill Release Procedures:NEUTRALIZE WITH SODIUM BICARBONATE AND FLUSH  
DOWN DRAIN IF PERMITTED. VENTILATE AREA.  
Neutralizing Agent:SODIUM BICARBONATE

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN CLOSED CONTAINERS, IN DRY  
WARM PLACE AWAY FROM INCOMPATIBLE MATERIALS. DO NOT REUSE  
CONTAINERS.  
Other Precautions:KEEP OUT OF REACH OF CHILDREN. DO NOT GET IN EYES, ON  
SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. DO NOT INGEST.  
DO NOT MIX WITH OTHER CHEMICALS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT NEEDED.  
Ventilation:LOCAL EXHAUST  
Protective Gloves:NEOPRENE OR RUBBER SUGGESTED  
Eye Protection:SAFETY GOGGLES, GOOD PRACTICE  
Other Protective Equipment:EYE WASH STATION & EMERGENCY SHOWER SHOULD  
BE IN CLOSE PROXIMITY.  
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR  
FOOTWEAR.  
Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:C1  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:B.P. Text:313F,156C  
Vapor Pres:24  
Vapor Density:1  
Spec Gravity:1.13  
Evaporation Rate & Reference:1 (WATER=1)  
Solubility in Water:COMPLETE  
Appearance and Odor:BROWN LIQUID - MILD IODINE ODOR

===== Stability and Reactivity Data

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Stability Indicator/Materials to Avoid: YES  
REDUCING AGENTS, CHLORINATED PRODUCTS  
Hazardous Decomposition Products: TOXIC FUMES OF IODINE

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL  
APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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